

Nalco Docket No. 7855 NP1

**AMENDMENT****RECEIVED  
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Please amend the claims as follows.

147. (Currently amended) A method of purifying juice obtained from plant material, comprising the steps of:

- a. obtaining plant material;
- b. removing juice from said plant material to obtain a process liquid, wherein said process liquid contains sucrose, non-sucrose substances, and water, and wherein a portion of said non-sucrose substances comprise dissolved material;
- c. heating said process liquid to a temperature between about ~~55-degree C. to about 80-degree C.~~ 55 degree C to about 80 degree C;
- d. introducing a mixture of gases into said process liquid;
- e. establishing a process liquid-gas interface area between said process liquid and said mixture of gases; and
- f. reducing concentration of said dissolved material within said process liquid to less than the initial concentration of said dissolved material in said process liquid.

148. (Previously presented) A method of purifying juice obtained from plant material as described in claim 147, further comprising the steps of:

- a. spreading said process liquid over the surface area of a container; and
- b. venting the interior of said container to atmosphere.

149. (Previously presented) A method of purifying juice obtained from plant material as described in claim 148, wherein said step of spreading said process liquid over the surface area of a container comprises applying centrifugal forces to said process liquid.

150. (Previously presented) A method of purifying juice obtained from plant material as described in claim 148, wherein said step of applying centrifugal forces to said process liquid comprises centrifugal forces greater than three times gravity.

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151. (Previously presented) A method of purifying juice obtained from plant material as described in claim 150, further comprising the steps of: a. dispersing said process liquid to increase said process liquid-gas interface; and b. flowing a mixture of gases through dispersed process liquid.

152. (Previously presented) A method of purifying juice obtained from plant material as described in claim 151, further comprising the steps of: a. dispersing said process liquid to increase said process liquid-gas interface; and b. reducing partial pressure of gases at said liquid-gas interface.

153. (Previously presented) A method of purifying juice obtained from plant material as described in claim 152, wherein said step of reducing partial pressure of gases at said liquid-gas interface comprises generating partial pressures of gases below atmospheric pressure.